

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A router ~~made up comprising:~~
~~firstly of~~ at least two router modules, only one of which is in an active state at any given time, the ~~others~~ other router modules being in a standby state, ~~and~~
~~secondly of~~ changeover means which causes making it possible to cause one of said other router modules to go from a standby state to an active state ~~when if~~ the router module in the active state stops,

each of said at least two router modules having connections with ~~one or more~~ at least one networks, and having at least one state machine, each state machine managing ~~the an~~ interface associated with one of said connections,

wherein each of said at least two router modules has data storage means which, in the active state, enable ~~it to store~~ storing of data relating to the state of said at least one state machine, ~~when if~~ said at least one state machine is in a stable state, and data retrieval means for retrieving said data ~~when if a changeover takes place~~ occurs.
2. (currently amended): The router according to claim 1, in which said data is stored by a shared memory that is shared between said at least two router modules.

3. (currently amended): ~~A-~~The router according to claim 1, in which said data is stored by inter-process communications means enabling said at least two router modules to communicate with one another.

4. (currently amended): ~~A-~~The router according to claim 3, in which said inter-process communications means are a common object request broker architecture software bus ~~of the CORBA type.~~

5. (currently amended): ~~A-~~The router according to claim 1, in which each of said at least two router modules further comprise ~~has a~~ means for storing data relating to ~~the~~ an associated interface when said associated interface is created, and a means for retrieving said data relating to the associated interface ~~when if~~ a changeover to the active state ~~takes place~~ occurs.

6. (currently amended): ~~A-~~The router according to claim 5, in which ~~a-~~the stable state is a state from the following list: "Down", "Point to Point", "DROther", "Backup", and "DR" in ~~the~~an OSPF-open shortest path first protocol.

7. (new): The router according to claim 1, wherein the data retrieval means retrieves the data by reading the stored data.